

UTILITY PATENT  
OR DESIGN  
SOLE OR JOINT

**CROWELL & MORING, LLP**  
**UNITED STATES LETTERS PATENT**  
**DECLARATION AND POWER OF ATTORNEY**

ATTORNEYS DOCKET NO.

As a below named inventor, I declare that I believe I am the original, first and sole inventor if only one name is listed at Item 201 below, or a joint inventor if plural names are listed below at Items 201 et. seq. of subject matter which is claimed and for which a patent is sought for the invention entitled:

**FIBROUS SOLID CARBON MANIFOLD ASSEMBLY AND METHOD FOR PRODUCING THE SAME**

which is described and claimed in:

101 ☐ the attached specification ☐ the specification in application Serial No. filed  
(for declaration not accompanying application papers)

and (if applicable) amended on

102 ☐ international (PCT) application No. filed and as amended on (if any)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit of priority, under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate listed in Item 103 below and have also identified in Item 103 below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application for which priority is claimed.

I hereby claim the benefit, under Title 35, United States Code, §120, of any U.S. application(s) listed in Item 105 below. If this application is a continuation-in-part, insofar as the subject matter of any of the claims thereof is not disclosed in the prior U.S. application(s) identified in Item 105 below in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior U.S. application(s) identified in Item 105 below and the national or PCT international filing date of this application.

103	FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 (6 if a Design) MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION THE PRIORITY OF WHICH WHERE PERMITTED IS HEREBY CLAIMED UNDER 35 U.S.C. §119				
	COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED YES NO	
	Japan	2002-328231	12/11/2002	X	

105	THIS APPLICATION IS A:		SERIAL NO.	FILED
	<input type="checkbox"/> CONTINUATION <input type="checkbox"/> DIVISION	<input type="checkbox"/> CONTINUATION-IN-PART OF PRIOR U.S. APPLICATION		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Inventor(s) name must include at least one unabbreviated first or middle name.

201	FULL NAME OF INVENTOR	LAST NAME	MUKASA	FIRST NAME	Koichi	MIDDLE NAME
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202	FULL NAME OF INVENTOR	LAST NAME	TSUNABUCHI	FIRST NAME	Teruyuki	MIDDLE NAME
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203	FULL NAME OF INVENTOR	LAST NAME	SUEOKA	FIRST NAME	Kazuhisa	MIDDLE NAME
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204	FULL NAME OF INVENTOR	LAST NAME		FIRST NAME		MIDDLE NAME
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205	FULL NAME OF INVENTOR	LAST NAME		FIRST NAME		MIDDLE NAME
	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION		STATE OR COUNTRY		CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS				
206	FULL NAME OF INVENTOR	LAST NAME		FIRST NAME		MIDDLE NAME
	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION		STATE OR COUNTRY		CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS				

[ ] Seventh (and more) coinventors on page 3

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of any patent issue thereon.

SIGNATURE OF INVENTOR 201	<i>Koichi Mukasa</i>	SIGNATURE OF INVENTOR 202	<i>T. Teruyuki</i>	SIGNATURE OF INVENTOR 203	<i>Kazuhisa Sueoka</i>
DATE	March 17, 2003	DATE	March 17, 2003	DATE	March 17, 2003
SIGNATURE OF INVENTOR 204		SIGNATURE OF INVENTOR 205		SIGNATURE OF INVENTOR 206	
DATE		DATE		DATE	

# **SMALL ENTITY DECLARATION**

☐ APPLICANT OR PATENTEE Koichi MUKASA, Teruyuki TSUNABUCHI, Kazuhisa SUEOKA  
☐ SERIAL NO. \_\_\_\_\_ ☐ PATENT NO. \_\_\_\_\_ ATTORNEYS DOCKET NO. \_\_\_\_\_  
☐ FILED OR ISSUED \_\_\_\_\_ ☐ SUBMITTED HEREWITH  
 FOR FIBROUS SOLID CARBON MANIFOLD ASSEMBLY AND METHOD FOR PRODUCING THE SAME


I(we) hereby declare that I(we) am(are) entitled to the benefit of small entity status with respect to the above-identified application or patent for purposes of paying reduced fees under 35 USC 41(a) & (b) to the U.S. Patent and Trademark Office.

- ☐ A. INDEPENDENT INVENTOR  
 I(we) qualify as a(n) independent inventor(s) as defined in 37 CFR 1.9(c).
- ☐ B. INDIVIDUAL NON-INVENTOR  
 I would qualify as an independent inventor as defined in 37 CFR 1.9(c) if I had made the invention.
- ☐ C. SMALL BUSINESS CONCERN  
 I am ☐ THE OWNER ☐ AN OFFICIAL of the small business concern identified below and am empowered to act on behalf of the concern. The concern qualifies under 37 CFR 1.9(d) and 13 CFR 121.3-18. Rights under contract or law have been conveyed to and remain with the concern and are exclusive unless a checkmark is placed here ☐ and another Declaration on behalf of another entity is filed herewith.

☒ NON-PROFIT ORGANIZATION  
 I am an official empowered to act on behalf of the non-profit organization identified below. The organization qualifies under 37 CFR 1.9(e), sub-section: ☐ (1) ☐ (2) ☐ (3) ☐ (4). Rights under contract or law have been conveyed to and remain with the organization and are exclusive unless a checkmark is placed here ☐ and another Declaration on behalf of another entity is filed herewith.

I(we) acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I(we) hereby declare that all statements made herein of my(our) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Inventor	Signature	Date
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Name of Concern or Organization	Address	
By Mutsuo NAKAMURA		
Name of Person Signing	Signature	
President	March 26, 2003	
Title	Date	